

CLAIMS:

1. A method of processing documents in a document processing device, the method comprising:

receiving a stack of documents including substitute currency media in an input
5 receptacle of a document processing device, each substitute currency
 medium bearing a document-identifier;

accepting as an input at least one specific document-identifier to be searched;

transporting each of the documents, one at a time, past a detector;

detecting the document-identifier of each substitute currency medium;

10 determining whether a detected document-identifier matches the at least one
 specific document-identifier; and

directing the substitute currency medium that bears the specific document-
 identifier, such substitute currency medium being termed a specific
document, to at least one output receptacle based on the step of
15 determining.
2. The method of claim 1, wherein said substitute currency media are one of
barcoded tickets, casino cashout tickets, and coupons.
- 20 3. The method of claim 1, further comprising halting operation of said document
processing device after the step of directing.
4. The method of claim 1, wherein said document-identifier is a ticket number.

5. The method of claim 1, wherein the step of scanning is carried out using at least one of a barcode reader, an optical scan head, a magnetic sensor, a thread sensor, an infrared sensor, an ultraviolet/fluorescent light scan head, an image scanner, and an imaging camera.

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6. The method of claim 1, further comprising directing all of the documents in the stack of documents except the specific document to a second output receptacle.

7. The method of claim 1, further comprising directing all of the documents in the stack of documents except the specific document to any one or more output receptacles other than the at least one output receptacle.

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8. The method of claim 7, further comprising directing the documents to a first output receptacle until a predetermined limit is reached.

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9. The method of claim 1, further comprising storing the document-identifier for each document in a memory.

10. The method of claim 1, further comprising indicating that the document-identifier on the specific document matches the specific document-identifier.

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11. The method of claim 10, wherein said indicating is one of an audible and visual indication.

12. The method of claim 1, further comprising accepting as inputs a plurality of specific document-identifiers, each specific document-identifier being associated with a respective specific document.

5 13. A device for processing documents, comprising:

an input receptacle adapted to receive a stack of documents including substitute currency media, each substitute currency medium being associated with a document-identifier;

10 at least one output receptacle adapted to receive documents after the documents have been evaluated;

a transport mechanism adapted to transport the documents, one at a time, from the input receptacle to the at least one output receptacle along a transport path;

15 an evaluation unit comprising at least one detector disposed along the transport path between the input receptacle and the output receptacle, the at least one detector being capable of detecting the document-identifier for each document; and

20 a controller coupled to the evaluation unit, the controller being adapted to control the operation of the transport mechanism and the operation of the evaluation unit, the controller including a memory, the memory storing instructions that determine whether a detected document-identifier matches a specific document-identifier received as an input by said controller.

25 14. The device of claim 13, wherein said specific document-identifier is a ticket number of a ticket to be found in said stack of documents.

15. The device of claim 13, further comprising a visual indicator adapted to indicate that a document bearing a document-identifier that matches said specific document-identifier has been found.

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16. The device of claim 13, wherein said substitute currency media are casino cashout tickets.

17. The device of claim 16, wherein said substitute currency media includes at least one of casino script, casino cashout tickets, retailer coupons, and gift certificates.

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18. The device of claim 13, wherein said substitute currency media are barcoded tickets.

19. The device of claim 13, wherein the at least one output receptacle is exactly one output receptacle.

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20. The device of claim 13, wherein the at least one output receptacle is exactly two output receptacles.

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21. The device of claim 13, wherein the at least one output receptacle is at least eight output receptacles.

22. The device of claim 13, wherein the documents are transported along the transport path at a rate of at least 600 documents per minute.

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23. The device of claim 13, wherein the documents are transported along the transport path at a rate of at least 1000 documents per minute.
- 5 24. The device of claim 13, wherein the documents are transported along the transport path at a rate of at least 1200 documents per minute.
25. The device of claim 13, wherein the detector includes at least one of an optical scan head, a magnetic sensor, a size-detection sensor, a density sensor, a thread sensor,
10 an infrared sensor, an ultraviolet-light scan head, a fluorescent scan head, a barcode reader, an image scanner, and an imaging camera.
26. The device of claim 13, wherein the document-identifier is an imprinted barcode.
- 15 27. The device of claim 13, wherein the document-identifier is an imprinted set of alphanumeric characters representative of said document-identifier.
28. A method of processing documents in a document processing device, the method comprising:
- 20 receiving a plurality of documents including substitute currency media in an input receptacle of a document processing device, each substitute currency medium bearing a document-identifier;
- transporting each of the documents, one document at a time, past a detector in said document processing device;
- 25 detecting the document-identifier for each substitute currency medium;

converting the detected document-identifier into a representative set of alphanumeric characters;

storing said set of alphanumeric characters in a memory of said document processing device;

5 directing a first set of the plurality of documents to at least one output receptacle until a predetermined limit of documents has been received by the at least one output receptacle, said first set of the plurality of documents being termed a first stack of documents;

assigning a stack-identifier to said first stack of documents;

10 correlating said stack-identifier with each document-identifier associated with substitute currency medium in said first stack of documents;

accepting as an input at least one specific document-identifier to be found; and

determining whether said specific document-identifier is located within said first stack of documents.

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29. The method of claim 28, wherein said stack-identifier includes at least one of a date stamp and a time stamp.

30. The method of claim 28, wherein said stack-identifier is unique from all other
20 stack-identifiers assigned in the step of assigning.

31. The method of claim 28, wherein said predetermined limit is 2,000 documents.

32. The method of claim 28, further comprising printing a receipt that includes at
25 least one of the date of printing, the time of printing, the number of documents included

in said first stack of documents, and a set of alphanumeric characters uniquely identifying said first stack of documents.

33. The method of claim 28, further comprising causing said first stack of documents
5 to be stored in a storage cassette.

34. The method of claim 28, further comprising causing said first stack of documents to be stored in a storage bag.

10 35. The method of claim 28, wherein said substitute currency media are barcoded tickets and said document-identifier is a ticket number corresponding to a barcoded ticket.

36. The method of claim 28, further comprising generating a table in memory that
15 stores the value of each document-identifier with its corresponding stack-identifier.

37. A device for processing documents, comprising:

an input receptacle adapted to receive a plurality of documents including
substitute currency media, each substitute currency medium bearing a
20 document-identifier;

at least one output receptacle adapted to receive a predetermined number of
documents after they have been evaluated, said predetermined number of
documents being termed a first stack of documents;

a transport mechanism adapted to transport the documents, one at a time, from the input receptacle to the at least one output receptacle along a transport path;

an evaluation unit including at least one detector disposed along the transport path between the input receptacle and the at least one output receptacle, the at least one detector being capable of evaluating documents and detecting the document-identifier for each substitute currency medium; and

a controller coupled to the evaluation unit, the controller being adapted to control the operation of the transport mechanism and the operation of the evaluation unit, the controller including a memory that stores a stack-identifier assigned to said first stack of documents, the memory including the document-identifier of each of the documents comprising the first stack of documents, each document-identifier being correlated with a respective stack-identifier, the memory further including instructions for determining whether a specific document-identifier inputted into said controller is located within said first stack of documents.

38. The device of claim 37, wherein the memory includes instructions to assign at least one of a date corresponding to said stack-identifier and a time corresponding to said stack-identifier.

39. The device of claim 37, wherein said stack-identifier is unique from all other stack-identifiers assigned by said controller.

40. The device of claim 37, wherein said predetermined number is 2,000 documents.

41. The device of claim 37, further comprising a printer coupled to said controller.

42. The device of claim 41, wherein said printer is adapted to print a receipt that includes a date, the number of documents included in said first stack of documents, and
5 the stack-identifier associated with said first stack of documents.

43. The device of claim 37, wherein the substitute currency media includes at least one of casino script, casino cashout tickets, retailer coupons, and gift certificates.

10 44. The device of claim 37, wherein the document-identifier is a ticket number of a barcoded ticket.

45. The device of claim 37, wherein the at least one output receptacle is exactly one output receptacle.

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46. The device of claim 37, wherein the at least one output receptacle is exactly two output receptacles.

47. The device of claim 37, wherein the at least one output receptacle is at least eight
20 output receptacles.

48. The device of claim 37, wherein the documents are transported along the transport path at a rate of between about 600 documents per minute and about 1600 documents per minute.

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49. The device of claim 37, wherein the document-identifier is an imprinted barcode.